

ESTABLISHING SOIL BACKGROUND FOR METALS

WHEN

September 11th, 2020
12-1:30 pm EDT

WHERE

**AIPG Michigan Virtual Forum:
Microsoft Teams Live Event**
**Hosted by Michigan Department of
Environment, Great Lakes and Energy**

ABSTRACT

Did you know that if an approved soil background concentration for a hazardous substance is greater than a cleanup criterion, the criterion becomes the background concentration? Knowing the soil background concentrations for a facility/site can be a useful tool. Obtaining a soil background concentration for metals can be as simple as looking up the Michigan Statewide Default Background Level on the criteria tables. However, more methods to obtain background concentrations are available that can provide more flexibility. The objective of this webinar is to present different options to obtain soil background concentrations for a facility and to provide a better understanding of what situations are appropriate to use a soil background concentration.

THIS IS A FREE EVENT. [REGISTER HERE.](#)



PRESENTERS:

Steve Hoin is a Senior Geologist at the EGLE. He has a BS in geology from Wayne State University and an MS in Geology from Western Michigan University. He started his career as a petroleum geophysicist in the oil industry. He then migrated to environmental consulting and finally to civil service at EGLE. Steve has over 35 years of experience.

Melissa Kendzierski is an Environmental Quality Analyst for the Remediation and Redevelopment Division (RRD) in the Gaylord Office, managing state funded cleanup sites and performing oversight on private party sites. She attended Western Michigan University and obtained her degree in Hydrogeology in 1996. She worked for various environmental consulting firms from 1996 to 2003 when she joined the RRD.

Melissa Powers-Taylor received her bachelor degrees (2013) in Geology and Environmental Science and her master degree (2019) in Geology from Wayne State University. Her master's research focused on the background levels, geochemical forms, and bioavailability of arsenic in urban soils. She started her career as a hydrogeologist working in consulting before joining the Michigan Department of Environment, Great Lakes, and Energy as a Project Manager for the Superfund Program.

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for this event!**